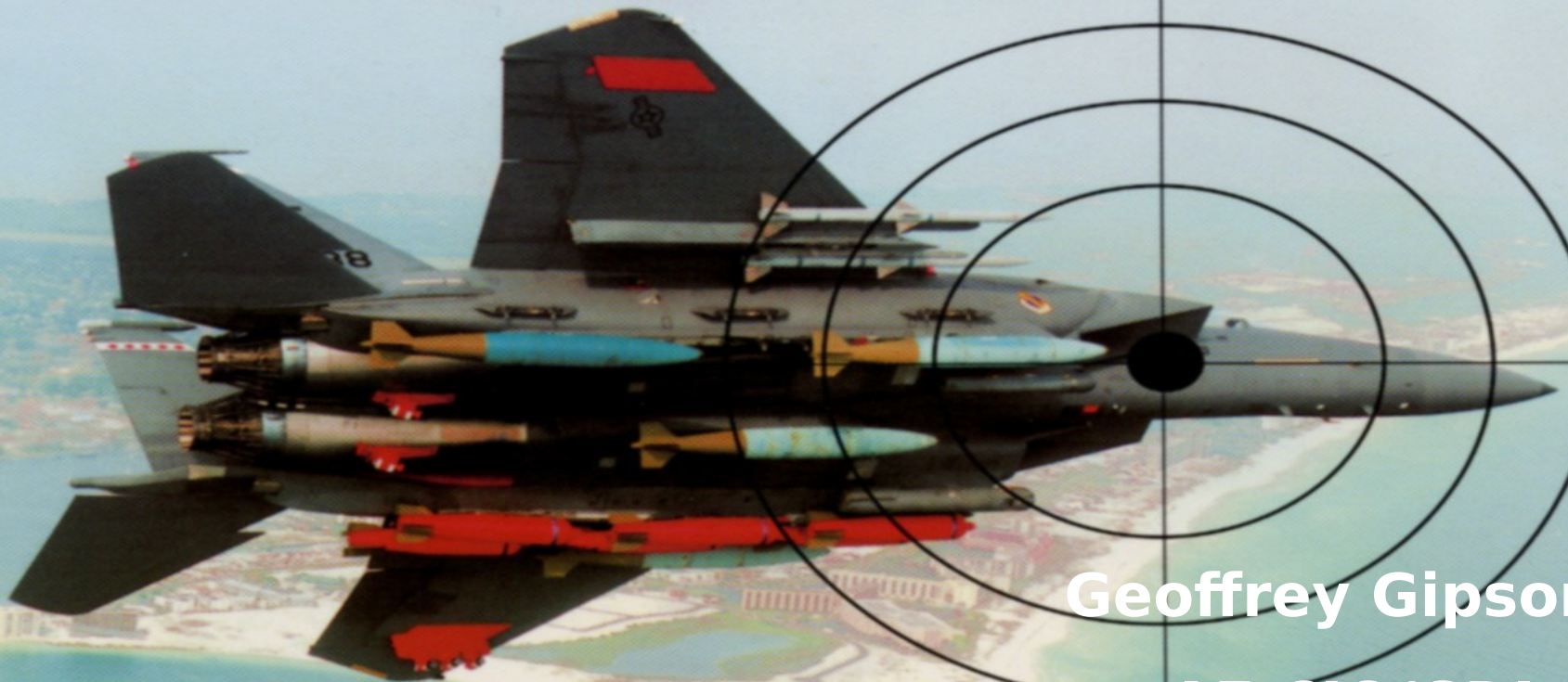


Directorate for GCSS-AF

MUNITIONS DATA CAPTURE

F-15E AIRCRAFT *Prototype*

DESTIN PASS



Geoffrey Gipson

AF-CIO/GDI



Munitions Data Capture (MDC)

U.S. AIR FORCE

OBJECTIVES

- **Provide Complete, Timely and Accurate Munitions Information to all Information Users**
 - **Close “Air Gaps” in Current “Retail” process**
 - **Integrate Munitions Workcenters**
 - **Eliminate Multiple Form Generation**
 - **Reduce Data Latency**
 - **Eliminate Redundant Manual Data Entry**
- **Develop GCSS-AF “Compliant” SW Component**
 - **Capable of Being Fielded AF-Wide**
- **Convince AF/ILMW and SSG/ILW**
 - **“Solutions are available - Were here to help”**

Integrity - Service -



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Munitions Data Capture Organizational Roles

- **HQ SSG/SWEC (Software Factory)**
 - **Develop Phase One Capability**
- **AFMC LSO/LOA (AIT SPO)**
 - **Develop Phase Two Capability**
- **HQ SSG/ILWM (CAS SPO)**
 - **Provide Functional Expertise**
 - **Cooperate on MDC/retail AIS Interface**
- **HQ SSG/ILI (Integration SPO)**
 - **Coordination & Program Management**
- **AF/ILMW (AF Munitions)**
 - **Program Direction & Functional Oversight**
- **AF-CIO/GD (AF-GRID)**
 - **Program Oversight, Funding and Project Charter**
- **ESC/IO non-player**
 - **Captain Peters “Under staffed and working AFORMS and Portal”**

Integrity - Service -



Munitions Data Capture

U.S. AIR FORCE

- **Sponsor: AF/IL**

- **Cooperative FY00 funding**
 - **AIT SPO \$0.550 M**
 - **EB/EC \$0.210 M**
 - **GCSS-AF \$0.240 M**
 - \$1.000 M**

- **Deliver Capability in Two Phases**



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Munitions Data Capture Phase One

- **Begin to Automate “on-base” Process**
- **Eliminate: Process Air Gaps & Duplicate Forms**
- **Reduce: Data Latency & Data Reconciliation**
- **Introduce: Automated Identification Technology (AIT)**
- **Development: (Gunter) 1 June - 30 Sept 2000**
- **Test/Demonstration (Gunter) 29 Sept 2000**
- **Testing: (Eglin) 23 Oct - 2 Nov 2000**



Munitions Data Capture Phase Two Objectives

U.S. AIR FORCE

- Automate Entire Retail Munitions Process
- Apply State-of-the-Art Automated Identification Technology (AIT) End-to-End
- Build on Core Standard Asset Tracking System (SATS) Functionality
- Produce Fieldable System
- Transfer capability to AF/ILMW for potential export to all Air Force Retail Ammunition Sites



U.S. AIR FORCE

Munitions Data Capture Phase Two Schedule

- Contract Awarded to Logicon - 23 June 00
- Requirements Analysis Complete - Nov 00
- AIT SPO to Contract Again with Logicon to Develop Operational Prototype - Dec 00
- Produce Fieldable System - May - Sep 01

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Munitions Data Capture The Way Ahead

- **MDC Unfunded Past Phase 2**
- **Combat Ammunition System (CAS) Sustainment Only**
- **Rehosting CAS Hardware (3B2s to Dells Worldwide) Feb 01**
- **CAS Declassification (Secret to SBU) Feb 02**
- **Program Review/Transition Options Meetings 22 & 27 Sep**
 - **AIT SPO will capitalize on Functional Requirements Identified During Spiral One**
 - **CAS SPO will work with AIT SPO and SSG/SWEC to Leverage MDC Prototype in CAS Modernization**
 - **Need Executable (Funded) Strategic Munitions AIS Plan**
- **Lt Col Kenner to brief Mr Dunn (Assistant AF/ILM) 10 Oct**
- **Lt Col Murphey to brief BG Grebreski (AF/ILM) 20 Nov**



Back-up Slides (Munitions)

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JEFX GCSS-AF CAS

U.S. AIR FORCE

- **Experimentation (SSG/DII)**
 - **JEFX 2000 focus on Agile Combat Support**
 - **Builds on legacy CAS-D system and enables browser access to CAS data to answer warfighter supportability questions directly—no middleman**
 - **New componentized capability enables CAS to:**
 - **Accept munitions requirements from AOC mission planners**
 - **Assess each AOR location's ability to support desired munitions**
 - **Provide mission supportability report to any user with a browser and access privileges**

Integrity - Service -

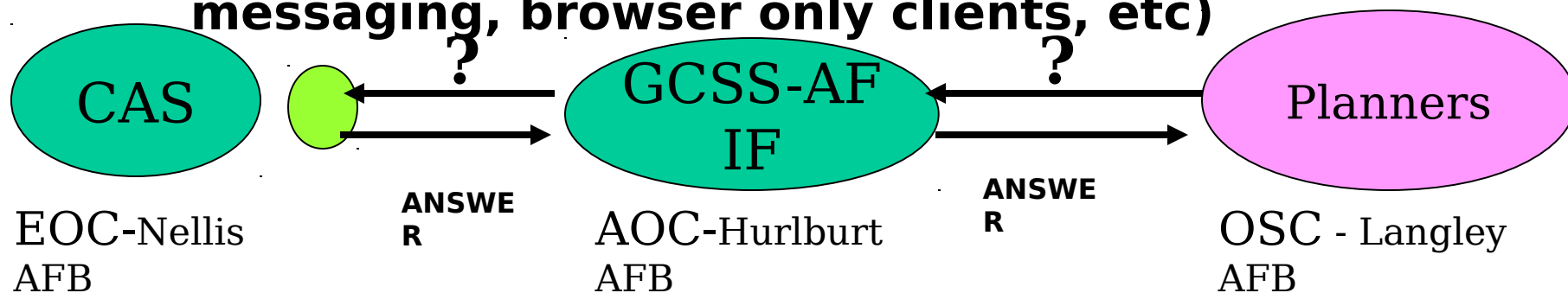


JEFX GCSS-AF CAS (continued)

U.S. AIR FORCE

■ **Provides**

- **Theatre wide rollup of munitions availability by weapon type**
- **Near real-time access to CAS data...but does not fix data integrity issues within CAS (separate initiative)**
- **Data movement and web presentation via common services of GCSS-AF Integration Framework (security, PKI, data exchange via messaging, browser only clients, etc)**



Integrity - Service -



Munitions Data Capture Versus JEFX

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- **What's different between MDC and JEFX**
 - **JEFX delivers CAS supportability data to the people planning and executing the war**
 - **MDC automates unit-level data entry into CAS to provide more accurate and timely data**
- **MDC initiative addresses CAS data integrity in much more detail than JEFX**
 - **Reduces fat-fingering/manual entry, process air gaps, update delays, etc.**